

Before ordering check with
factory for most current data.

302V111 to 705V174

Multilegged transitions

Applications

These flame-retardant heat-shrinkable transitions are especially designed for shipboard applications and meet or exceed all of the U.S. Navy specifications described in MIL-I-81765/1A. The transitions are made of a rugged, thermally stabilized, modified polyolefin and factory-coated with a thermoplastic adhesive sealant. As a result, they offer excellent water sealing, mechanical abrasion-protection, corrosion-resistance, weatherproofing, and electrical insulation. The transitions replace tapes, epoxies, and grease in applications involving cable breakouts, transitions, and terminations.

Features/Benefits

- Watertight.
- Easy installation, requiring no special skills.
- Compatibility with polyethylene, PVC, lead, steel, aluminum, standard Navy cable jackets, and copper wire and cable.
- Four configurations and twelve sizes (see table).
- Minimum shrink temperature of 121°C.
- Type approval by:
 - ABS (American Bureau of Shipping)
 - DNV (Det Norske Veritas)
 - Lloyd's (Lloyd's Register of Shipping)



Specifications/Approvals

Commercial

RW-2024

Military

MIL-STD-2003
MIL-I-81765/1A
Nemosyne FR/M

Product Dimensions (mm/in)

Commercial description	Military description	Number of legs	I.D. base		I.D. legs		Leg length recovered*	Base length recovered*
			Minimum expanded	Maximum recovered*	Minimum expanded	Maximum recovered*		
302V111	SSB-1202 FR	2	40.64 (1.60)	11.43 (.45)	13.97 (.55)	3.81 (.15)	36.83 (1.45)	62.23 (2.45)
302V163	SSB-2002 FR	2	50.80 (2.00)	35.56 (1.40)	19.05 (.75)	8.89 (.35)	69.85 (2.75)	88.90 (3.50)
402V101	T3-9 FR	3	22.86 (.90)	9.14 (.36)	8.38 (.33)	2.29 (.09)	19.05 (.75)	50.80 (2.00)
402V121	T14-23 FR	3	30.48 (1.20)	17.78 (.70)	12.70 (.50)	4.57 (.18)	25.40 (1.00)	60.96 (2.40)
402V142	T42-100 FR	3	43.18 (1.70)	22.86 (.90)	20.32 (.80)	4.83 (.19)	30.48 (1.25)	57.15 (2.25)
402V163	T150-300 FR	3	60.96 (2.40)	35.56 (1.40)	28.70 (1.13)	12.70 (.50)	69.85 (2.75)	88.90 (3.50)
402V185	T-400 FR	3	81.28 (3.20)	50.80 (2.00)	35.56 (1.40)	17.78 (.70)	73.15 (2.88)	88.90 (3.50)
402V196	T500-600 FR	3	124.46 (4.90)	58.93 (2.32)	50.80 (2.00)	22.86 (.90)	50.80 (2.00)	187.96 (7.40)
502V132	F-23 FR	4	31.75 (1.25)	20.32 (.80)	12.70 (.50)	5.08 (.20)	27.94 (1.10)	63.50 (2.50)
502V153	F42-60 FR	4	44.45 (1.75)	25.40 (1.00)	20.32 (.80)	8.13 (.32)	30.48 (1.25)	63.50 (2.50)
502V163	F133-200 FR	4	67.31 (2.65)	35.56 (1.40)	30.48 (1.20)	10.92 (.43)	71.12 (2.80)	91.44 (3.60)
705V174	6S100-200 FR	6	60.96 (2.40)	36.83 (1.45)	20.32 (.80)	8.89 (.35)	69.85 (2.75)	86.36 (3.40)

*After unrestricted recovery.